

IN THE CLAIMS

Claims 1, 33, 37, and 65 are amended. Claims 68-69 are added. Claims 24-26, 41-43, and 56-58 are canceled.

All pending claims are produced below. In addition, the status of each is also indicated below and appropriately noted as “Original”, “Currently Amended”, “Canceled”, “New”, “Withdrawn”, “Previously Presented”, and “Not Entered” as requested by the Office.

1. (Currently Amended) A method of processing instant messenger events associated with an instant messenger application, comprising:

determining a length of time of inactivity of a user after which to compile an instant messenger event associated with the user, the determined length of time being specific to an identity of the user;

monitoring a current length of time of inactivity of the user;

responsive at least in part to ~~expiration of the monitored current length of time of inactivity exceeding~~ the determined length of time of inactivity, capturing an instant messenger event associated with the user by compiling event data associated with at least one instant messenger message; and

indexing at least some of the event data associated with the instant messenger message.

2. (Previously Presented) The method of claim 1, further comprising:
associating the instant messenger event with a conversation;
receiving a search query; and
identifying the conversation as relevant to the search query.

3. (Previously Presented) The method of claim 1, wherein the event data comprises one or more of sender data, recipient data, a time associated with the event, a date associated with the event, and content from the instant messenger message.

4. (Original) The method of claim 3, wherein indexing at least some of the event data comprises associating an event ID with the event and associating the event ID with at least some of the event data.
5. (Original) The method of claim 1, wherein the instant messenger event is captured on a client device.
6. (Original) The method of claim 1, wherein the instant messenger event is captured on a network device.
7. (Previously Presented) The method of claim 1, wherein capturing an instant messenger event comprises:
 - identifying an activity associated with the instant messenger application on a client device;
 - identifying the instant messenger event based on the activity; and
 - compiling the instant messenger event from at least some of the event data.
8. (Previously Presented) The method of claim 7, wherein compiling the instant messenger event is performed upon the sending or receipt of the instant messenger message using the instant messaging application.
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Previously Presented) The method of claim 2, further comprising:
 - determining if an existing conversation relevant to the instant messenger event exists;
 - associating the instant messenger event with an existing conversation if the existing conversation is determined to be relevant to the instant messenger event; and
 - associating the instant messenger event with a new conversation if no existing conversation is determined to exist that is relevant to the instant messenger event.
13. (Previously Presented) The method of claim 1 further comprising:

identifying instant messenger activity involving a change in a user interface associated with the instant messenger application on a client device;

wherein the compiling of the event data comprises identifying an instant messenger event based at least in part on identifying the user interface change.

14. (Previously Presented) The method of claim 13, wherein identifying instant messenger activity further comprises identifying instant messenger network activity.

15. (Original) The method of claim 14, wherein event data is also determined from the instant messenger network activity.

16. (Canceled)

17. (Original) The method of claim 13, wherein identifying instant messenger activity comprises determining that the instant messenger application is active.

18. (Previously Presented) The method of claim 13, wherein the compiling of the event data further comprises monitoring the instant messenger application for an ongoing period of time.

19. (Previously Presented) The method of claim 13, wherein the compiling of the event data further comprises analyzing a current state of the instant messenger application to identify the instant messenger event.

20. (Previously Presented) The method of claim 13, wherein the compiling of the event data further comprises identifying a display area associated with the instant messenger application and determining the content of the display area.

21. (Previously Presented) The method of claim 13, wherein the compiling of the event data further comprises one or more of monitoring operating system calls made by the instant messenger application to display text, hooking into the instant messenger application's notification application program interface, and directly querying the instant messenger application.

22. (Previously Presented) The method of claim 13, wherein the compiling of the event data further comprises extracting text from a display area associated with the instant messenger

application.

23. (Previously Presented) The method of claim 13, wherein the compiling of the event data further is performed upon the sending or receipt of an instant messenger message.

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Original) The method of claim 13, further comprising associating the instant messenger event with a conversation.

28. (Original) The method of claim 13, wherein event data comprises one or more of sender data, recipient data, a time associated with the event, a date associated with the event, and content from the instant messenger message associated with the event.

29. (Original) The method of claim 13, wherein event data comprises a conversation ID.

30. (Original) The method of claim 27, wherein associating the instant messenger event with a conversation comprises:

determining if an existing conversation relevant to the instant messenger event exists;
associating the instant messenger event with an existing conversation if the existing conversation is determined to be relevant to the instant messenger event; and
associating the instant messenger event with a new conversation if no existing conversation is determined to exist that is relevant to the instant messenger event.

31. (Original) The method of claim 30, wherein determining if an existing conversation exists is based at least in part on participants in the message and a time the message was received or sent.

32. (Original) The method of claim 30, further comprising determining a title associated with the conversation.

33. (Currently Amended) A computer-readable storage medium for processing instant

messenger events, the computer-readable storage medium containing executable program code, comprising:

program code for determining a length of time of inactivity of a user after which to compile an instant messenger event associated with the user, the determined length of time being specific to an identity of the user;

program code for monitoring a current length of time of inactivity of the user;

program code for capturing, responsive at least in part to ~~expiration of the monitored~~ current length of time of inactivity exceeding the determined length of time, an instant messenger event associated with the user by compiling event data associated with at least one instant messenger message; and

program code for indexing at least some of the event data associated with the instant messenger message.

34. (Previously Presented) The computer-readable storage medium of claim 33, further comprising:

program code for associating the instant messenger event with a conversation;

program code for receiving a search query; and

program code for identifying the conversation as relevant to the search query.

35. (Previously Presented) The computer-readable storage medium of claim 33, wherein the event data comprises one or more of sender data, recipient data, a time associated with the event, a date associated with the event, and content from the instant messenger message.

36. (Previously Presented) The computer-readable storage medium of claim 35, wherein program code for indexing at least some of the event data comprises associating an event ID with the event and associating the event ID with at least some of the event data.

37. (Currently Amended) The computer-readable storage medium of claim 33, wherein the instant messenger event is captured on a client device.

38. (Previously Presented) The computer-readable storage medium of claim 33, wherein the instant messenger event is captured on a network device.

39. (Previously Presented) The computer-readable storage medium of claim 33, wherein

capturing an instant messenger event comprises:

program code for identifying an activity associated with an instant messenger application on a client device;

program code for identifying the instant messenger event based on the activity; and

program code for compiling the instant messenger event from at least some of the event data.

40. (Previously Presented) The computer-readable storage medium of claim 39, wherein compiling the instant messenger event is performed upon the sending or receipt of the instant messenger message using the instant messaging application.

41. (Canceled)

42. (Canceled)

43. (Canceled)

44. (Previously Presented) The computer-readable storage medium of claim 34, further comprising:

program code for determining if an existing conversation relevant to the instant messenger event exists;

program code for associating the instant messenger event with an existing conversation if the existing conversation is determined to be relevant to the instant messenger event; and

program code for associating the instant messenger event with a new conversation if no existing conversation is determined to exist that is relevant to the instant messenger event.

45. (Previously Presented) The computer-readable storage medium of claim 33, the executable program code further comprising:

program code for identifying instant messenger activity involving a change in a user interface associated with the instant messenger application on a client device;

wherein the compiling of the event data comprises identifying an instant messenger event based at least in part on extracting text from a display area associated with the instant messenger application.

46. (Previously Presented) The computer-readable storage medium of claim 45, wherein program code for identifying instant messenger activity further comprises identifying instant messenger network activity.
47. (Previously Presented) The computer-readable storage medium of claim 46, wherein event data is also determined from the instant messenger network activity.
48. (Previously Presented) The computer-readable storage medium of claim 45, wherein program code for identifying instant messenger activity comprises identifying a user interface change associated with an instant messenger application.
49. (Previously Presented) The computer-readable storage medium of claim 45, wherein program code for identifying instant messenger activity comprises determining that the instant messenger application is active.
50. (Previously Presented) The computer-readable storage medium of claim 45, wherein the compiling of the event data comprises monitoring the instant messenger application for an ongoing period of time.
51. (Previously Presented) The computer-readable storage medium of claim 45, wherein the compiling of the event data further comprises analyzing a current state of the instant messenger application to identify the instant messenger event.
52. (Previously Presented) The computer-readable storage medium of claim 45, wherein the compiling of the event data further comprises identifying a display area associated with the instant messenger application and determining the content of the display area.
53. (Previously Presented) The computer-readable storage medium of claim 45, wherein the compiling of the event data further comprises one or more of monitoring operating system calls made by the instant messenger application to display text, hooking into the instant messenger application's notification application program interface, and directly querying the instant messenger application.
54. (Canceled)

55. (Previously Presented) The computer-readable storage medium of claim 45, wherein compiling the instant messenger event is performed upon the sending or receipt of an instant messenger message.
56. (Canceled)
57. (Canceled)
58. (Canceled)
59. (Previously Presented) The computer-readable storage medium of claim 45, further comprising program code for associating the instant messenger event with a conversation.
60. (Previously Presented) The computer-readable storage medium of claim 45, wherein event data comprises one or more of sender data, recipient data, a time associated with the event, a date associated with the event, and content from the instant messenger message associated with the event.
61. (Previously Presented) The computer-readable storage medium of claim 45, wherein event data comprises a conversation ID.
62. (Previously Presented) The computer-readable storage medium of claim 59, wherein associating the instant messenger event with a conversation comprises:
- program code for determining if an existing conversation relevant to the instant messenger event exists;
 - program code for associating the instant messenger event with an existing conversation if the existing conversation is determined to be relevant to the instant messenger event; and
 - program code for associating the instant messenger event with a new conversation if no existing conversation is determined to exist that is relevant to the instant messenger event.
63. (Previously Presented) The computer-readable storage medium of claim 62, wherein determining if an existing conversation exists is based at least in part on participants in the message and a time the message was received or sent.
64. (Previously Presented) The computer-readable storage medium of claim 62, further

comprising program code for determining a title associated with the conversation.

65. (Currently Amended) A method of processing instant messenger events, comprising:
determining a predefined period of instant messenger inactivity of a user after which to
compile an instant messenger event associated with the user, the determined length of time being
specific to an identity of the user;

monitoring the instant messenger application to determine event data associated with an
instant messenger message;

monitoring a current period of inactivity of the user;

responsive at least in part to ~~expiration of the determined period of inactivity~~ the
monitored current period of inactivity of the user exceeding the determined predefined period of
instant messenger activity, compiling an instant messenger event from at least some of the event
data;

determining if an existing conversation relevant to the instant messenger event exists;
associating the instant messenger event with an existing conversation if the existing
conversation is determined to be relevant to the instant messenger event; and

associating the instant messenger event with a new conversation if no existing
conversation is determined to exist that is relevant to the instant messenger event; and
indexing and storing the instant messenger event.

66. (Previously Presented) The computer-readable storage medium of claim 45, wherein the
extraction of the text from the display area comprises performing optical character recognition
on an image.

67. (Previously Presented) The method of claim 13, further comprising identifying an instant
messenger event at least in part by hooking into the instant messenger application's notification
application program interface.

68. (New) The method of claim 1, wherein the determined length of time of inactivity
represents a time from the last receipt of a message or sending of a message by the user.

69. (New) The method of claim 1, wherein the determined length of time of inactivity
represents a time from the last instant messenger event associated with the user.